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ASTRONOMY AND ASTROPHYSICS
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A new list of extra-galactic radio jets

F.K. Liu[1,2] and Y.H. Zhang[2]

Address(es) of author(s) should be given

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Table 1. 661 radio sources with detected jets

IAU	NAME	ID	lg $P_j^{1.4}$	lg $P_t^{1.4}$	lg P_c^{5}	d_j	SID	Mor	References
		Z	W/Hz	W/Hz	W/Hz	Kpc			
0003-066		G		26.22	26.22		1		303
W		0.35				0.034			
0007+106	IIIzW 2	G		25.33	23.85		1		303
SW		0.09				0.019			
0007+332	4C33.01	Q		26.55	24.57		1		218
S		0.743	26.13			162			
0007+124	4C12.03	G		25.41	22.74		T		342
NE		0.11				66			
SW(C-J)									
0015-229		G		27.42	25.32		1		111
SW		2.010				26			
0017+257	4C25.01	Q		26.62	26.23		1	C	218, 233
SW		0.284	25.50			46			
0017+154	3C9	Q		28.16	25.45		1	B	5, 72, 73, 367
SE		2.012	27.94			38			218, 369, 67
NW(C-J)			25.98			6.1			321, 587
0017-207		Q		26.26	23.67		?		273
NE		0.545				58			
SW(C-J)						61			
0019+230		G		24.63	22.67		1		445
SE		0.1338				26			
0022-297	MRC	Q		26.75	25.45		1		295
N	B2	0.406				64			
0026+346	S4	G					1		191
NE	OB343								
0031+060		G		24.71	22.48		2	C	445
N		0.1334				17			
S									
0031+403	6C						1		58
NW									
0033+183	3C14	Q		27.65	25.58		1		218
SE		1.469	27.32			64			73
0033+079	4C08.04	Q		27.08	26.16		1	C	369
SE	OB056	1.578				11			
0034-014	3C15	G		25.41	23.48		1		340, 390, 389, 566
NW		0.0730	24.59			9.8			
SE(C-J)			22.87			6.6			
0034+254	B2	G		23.13	21.77		2	C	131
E	UGC367	0.0321	22.3			19			169, 452
W			22.3			19			
0035+180		G		24.70	23.27		2	C	445
NW		0.1448				94			
SW						87			
0035+121	PKS	Q		27.67	26.97		1		86
N	B2	1.395				9.4			
0038-019	4C-02.04	Q		27.63	26.44		1	L	369
S	PKS	1.690				52			
0039+211	4C21.05	G		24.89	23.60		2	C	429, 430
S		0.1017	23.09			18			
NE			23.09						
0040+517	3C20	G		26.52	23.07		1	S	247

NW		0.174	24.42			47			
0043+201	4C20.04	G		25.06	23.07		2		436
N		0.1063	22.71			39			
S			22.70			52			
0046+203							1	L	647
S									
0046+226							1	L	647
N									
0047+241		G		24.17	23.08		2	C	445
E		0.0818				28			
SE						28			
0048+509	3C22	Q		27.30	24.98		1		188
NW		0.937				55			
0050-220		G		23.57	22.98		2		445
NW		0.0587				54			
SE						43			
0051+291	4C29.01	Q		27.47	26.90		1	C	369
NE		1.828	26.76			8.5			31, 586
0053-016		G		24.34	22.19		2	C	429
NW		0.042	22.54			19			
SE			22.54			19			
0053+260B		G		25.04	23.00		1	C	240
NE		0.1916	24.32			23			
SE(C-J)			24.02			47			
0055+300	NGC315	S1		24.08	23.24		T	L	309, 131, 630, 138
SE(C-J)	UGC597	0.0167				240			378, 69, 73, 99, 70, 169
NW						240			197, 352, 279, 653, 303
0055-016	3C29	G		25.10	23.32		2		402, 665
SE		0.045				41			
NW									
0055+265	NGC326	G		24.61	22.29		2	S	131
SE	UGC601	0.0472				27			73, 279
NW						27			
0104+321	3C31	G		24.21	22.45		2	C	131, 450, 332, 73, 99
NW	NGC383	0.0169	23.48			14			96, 88, 169, 197, 279
SE	UGC689		23.39			14			298, 579
	B2								
0106+013*	4C01.02	Q		28.06	28.48		1		311, 496, 38
S		2.107	27.42			19			
0106+729	3C33.1	S1		26.11	23.76		1		73, 521
SW		0.181	24.81			140			
0108-146	PKS	G		24.60	23.80		1		450, 448
SE		0.1033	23.72			1.4			
0109+200	TEX	Q		26.97	25.98		1		647
SW		0.746				11			
0110+297	4C29.02	Q		26.13	25.04		1		218
NE		0.363	25.90			140			91, 642
0110+152		G		24.34	22.06		2		436, 448
NW		0.0477	22.49			20			
SE			22.28			20			
0114-476		G		25.87	23.16		1		580
NW		0.146				174			
SE(C-J)						200			
0116+082	PKS	S2		27.18	25.54		1	L	129

S		0.594				0.28			
0123-016A NE SW(C-J)	NGC541	G 0.0182		23.53	21.79	 22	2	C	84, 429, 620, 623
0123-016B NE SW	3C40 NGC545	G 0.0185		24.38	22.02	 38 –	2	B	402 73, 78, 429
0124+189 N S		G 0.0420		24.42	22.59	 12 11	2		445
0127+233 S	3C43	Q 1.46	 27.63	28.01	26.01	 5.1	1	L	413, 622, 374 534, 571
0128+002 NE SW	A208	G 0.1032		24.82	23.13	 13 13	2		29
0130+24 E	4C24.02	Q 0.457	 25.85	26.21	25.11	 92	1		218 73, 642
0133+207 SW C-J	3C47	Q 0.425	 25.08 <24.34	26.89	25.23	 129 96	1		72, 189 157
0134+329 N	3C48	Q 0.367		27.42	25.00	 0.15	1		651, 101
0136+396 SW	4C39.04	G 0.211		25.76	24.29	 333	1		635
0136+185 NW SE		G 0.0690		23.92	22.44	 22 22	2		445
0138+136 E	3C49	Q 0.62		27.14	24.49	 4.1	1		373
0139+073A E		G 0.0616		23.26	22.31	 37	1		445
0141+061 NW SE	A245AB	G 0.089		24.04	22.25	 92 187	2		448
0149+358 W E	NGC708 B2	G 0.0160	 21.93 21.88	22.62	21.31	 5.6 5.9	2	S	68 73, 452, 451
0149+218 N		Q 1.32		27.29	27.55	 0.024	1		303
0153+744 NE	S5	Q 2.338		28.62	27.81	 0.066	1	C	191, 269
0156-252 NE		G 2.090		27.45	25.85	 11	1		111
0157+393B SW	4C39.05	G 0.072		24.34	23.66	 66	?	C	635
0202+091 E SW(C-J)	J0204+0903						1	C	463
0202+149* NW		Q 0.833		27.61	27.23	 0.029	1	S	497
0206+35 NW SE	UGC1651 4C35.03	G 0.0375	 23.46 23.32	24.52	23.15	 17 20	2	S	73, 400, 452, 451
0211-122		G		27.30	25.30		1	L	111

SE		2.336				28			
0212+735	S5	Q		28.59	28.20		1		461, 121, 303
E		2.367				0.053			193
0219+421	NGC891	G		21.68	20.38		2		131
SW	UGC1831	0.002				7.1			635
NE						5.9			
0220+427	3C66B	G		24.69	22.59		2	C	276, 200, 246, 203, 204
NE		0.0215	23.90			45			376, 199, 73, 99, 425
SW			23.90			5.5			298, 300, 635, 679, 665
									589, 566
0221+067	PKS	Q		26.81	26.25		1		191
NW		0.511				0.029			
0224+671	4C67.05	Q					1		427
N									
0229+341	3C68.1	Q		27.65	24.37		1		72
N		1.238	26.79			90			67
S(C-J)			25.22			47			
0234+315	3C68.2	G		27.08	23.72		1		44
SE		1.575				46			
0238+085	NGC1044	G		23.80	22.54		2		628
NW	4C08.11	0.0214	22.43			43			70
SE			22.43						
0238+100	MC	Q		27.29	26.16		1	C	369
SE		1.816	25.97			37			31, 367
NW(C-J)						27			
0238-084	NGC1052	S3		22.96	22.43		2		191, 125, 303
NE	PKS	0.005				0.004			
SW						0.001			
0240-002	3C71	S1		22.94	20.99		2	S	215, 216, 59
NE	NGC1068	0.004	21.81			0.35			73, 134, 466, 656, 657
SW			21.83			0.25			
0244+152	UGC2252	G					2		131
NW									
SE									
0247+467		G		23.97	22.56		2	C	635
NW		0.029				191			
NE						175			
0253+633							1	L	454
SE									
0255+05	3C75A,B	G		24.61	22.40		2	C	73, 432, 443, 446, 472
E		0.0241				30			
W						30			
0256+132	4C13.17B	G		24.07	22.30		2	C	73, 429
NW		0.0748	22.92			15			
NE			22.92			14			
0256+366	UGC2456	S2		22.18	21.26		2		411
NW	MRK1066	0.012				0.25			
SE						0.31			
0258+350	4C34.09	G		23.88	22.48		2		534
NW		0.020				0.33			
SE						0.20			
0300+162	3C76.1	G		24.52	21.94		2		342
NW	PGC11499	0.0316				18			
SE						22			
0301+336							1		647

E									
0304+575	GT	G					1		609
NE									164, 163
SW									
0305+039	3C78	G		24.83	23.77		2	S	73, 530, 389, 566
NE	NGC1218	0.0289				0.6			
SW(C-J)									
0307+444	4C44.07	Q		27.40	26.61		1		528
		1.165	26.12			7.3			
0309+390	4C39.11	S1		25.72	24.31		1		667
SW		0.161				48			
0313+683	WNB	G		24.92	23.56		1		548
SW		0.0901				733			
0314+416	NGC1265	G		24.76	22.15		2	C	73, 126, 431, 433, 432
E	3C83.1B	0.0255	22.91			18			666, 149
W			22.91			16			
0316+308							1		647
SE									
0316+413%	NGC1275	BL		24.66	24.85		1		319, 468, 632, 499, 263
SE	3C84	0.0177	23.00			5.0			634, 640, 465, 501
N(C-J)	MRK1505		22.70			5.0			27, 73, 367, 661, 522
	Perseus A								159, 639
0317-023	4C-02.15	Q		27.68	27.09		1	C	38
E		2.092				8.7			
0319-454		G		25.26	22.82		2		536, 289
NE		0.0633	23.10			190			
SW(C-J)			22.69			295			
0320-37	For A	G		24.73	21.15		T		73, 170
SE	NGC1316	0.0063	21.95			3.6			
NW			21.65			3.6			
0325+395							1	C	454
S									
0326+396	VV7.08.14	G		24.06	22.70		2	S	131, 68
E	UGC2775	0.0243	22.88			41			73, 169
W	B2		23.22			41			
0327+246B		G		23.71	22.71		2		429
W		0.1063				19			
E						19			
0328-033	MRK612	S2		21.55	20.18		2	S	411
NE		0.020				0.39			
W						2.2			
0331-013	3C89	G		25.77	23.96		2	C	39
NW		0.1386				52			
SE						45			
0333+321	NRAO 140	Q		28.36	27.23		1		386, 192, 303, 358
SE		1.258				0.042			385
0335+096		G		23.70	22.36		2	C	429
NW		0.035	22.49			23			
SW			22.49			23			
0336-35	PKS	G		22.82	20.41		2		73, 170
S	NGC1399	0.0049	21.81			8.1			
N			21.81			8.1			
0356+102	3C98	S2		25.02	21.81		1		39, 340
NE		0.0306	23.45			60			

SW(C-J)									
0400+258	PKS	Q		28.53	27.51		1	C	191
NE		2.109				0.075			
0404+768		G		27.42	25.82		1		143, 597
W		0.5985				0.25			
0405-123	PKS	G		27.39	26.60		1		522
N	OF-109	0.574				40			
0406-244		G		27.64	25.41		1		111
NW		2.440				17			
0409+229	3C108	Q		27.21	27.06		1		524
NW	4C22.08	1.215				11			
0410+110	3C109	S1		26.80	25.15		1		223
SE		0.3066	24.74			136			
0411+141	4C14.11	G		26.51	24.17		1		247
SE		0.206	23.48			9.5			
0411+055	4C05.19	Q		28.43	27.17		1	C	514
NE	PKS, MG	2.639	27.14			0.35			
NW(C-J)	DA 131		26.49			0.12			
0414+009	1H	BL		25.30	24.70		1		336
NE		0.287				20			
0415+379	3C111	S1		26.29	24.47		1		73, 232, 241, 344, 352
NE		0.0485	24.20			77			355, 356, 340
0417-181		G		27.63	24.72		1		111
S		2.773				10			
0420-014*	PKS	Q		27.82	27.26		1	S	75
SW		0.915				0.052			
0422+148	J0424+1442						1		463
W									
0429+415	3C119	Q		28.11	26.26		1		412
SW		1.023				0.12			
0430+052*	3C120	S1		24.76	24.93		1		409, 22, 28, 40, 73, 641
W		0.0334	24.07			100			83, 265, 472, 636, 637
									638, 660, 231, 57, 303
									230, 251, 227
0434+299							1		647
SW									
0437-244	MRC	Q		26.61	25.02		1		295
S	B2	0.84				256			
0439+083		G		25.07	23.12		1		445
SE		0.1517				129			
0445+097	4C09.17	Q		27.78	27.29		1		31, 369, 347
SW		2.110				4.9			
0445+44	3C129	G		24.58	21.92		T	S	73, 271, 626, 345
N	4U	0.0208	23.10			8.8			
S			23.14			8.8			
0448+520	3C130	G		26.79	23.57		2		46, 279, 280, 244, 245
SW		0.1090	23.17			132			
NE			23.32			119			
0449-175	PKS	G		23.97	22.03		2		73, 170
SE		0.0313	20.99			17			
NW			20.99			10			
0454-220	PKS	Q		26.89	25.74		1		14, 273
SE		0.53				200			
NW(C-J)						69			
0457+052	A526	G		24.48	22.97		2		448

NW		0.098				47			
SE						36			
0457+054		G		23.71	<21.81		2	C	429
E		0.0541	22.92			51			
NW			22.92			–			
0459+252	3C133	G		26.72	25.33		1		73, 513, 540
NE		0.2775	24.68			15			
0501+380	3C134	G					2		344
N									
S									
0504+030	4C03.10	Q		28.11	27.54		1		38
NW		2.453				7.5			
SE(C-J)						8.0			
0507+179	PKS						1		191
SW									
0511+008	3C135	S1		25.69	22.41		1		340
SW		0.1273	23.26			52			
0514+109	B2						1		86
SW									
0514-16	PKS	Q		27.25	27.32		1		73
		1.278				33			
0518-458	PKS	G		25.93	24.01		1		478, 558, 605
W	Pictor A	0.0342	23.63			176			
0518+165	PKS	Q		27.79	26.40		1		178, 413, 9
NE	4C16.12	0.759	27.27			3.2			142, 8, 374
SW(C-J)	3C138								174, 176, 177, 113
	OG130.2								
0521+281	3C139.2	G					2		344
NE									
SW									
0521-365	PKS	BL		25.83	24.75		1		375, 570, 606, 303, 537
SE		0.061	24.87			11			116, 170, 298, 299
0528+134*	PKS	Q		28.62	27.97		1		677, 76
NE		2.07				0.020			
0537+531		Q		27.22	27.21		1		599
NW		1.275				0.15			
0538+474							1		454
W									
0538+498*	3C147	Q		27.95	26.78		1		622, 7, 674, 374, 415
SW		0.545	27.63			0.86			561, 486, 73, 488, 501
									502, 504, 562, 650
0545+265							1		151
NE									
0546-329	PKS	G		25.47	23.90		1		73, 170, 289
SW		0.147	24.76			200			
0548-322	PKS	BL		24.39	23.60		1		336
E		0.069				6			
0548+165		Q		26.85	25.50		1	L	379
W		0.474	26.80			0.64			
0549-074	NGC2110	S1		22.18	21.63		2	S	411, 405
NE	MCG-1-15-4	0.007	20.54			0.16			
SW			20.54			0.14			
0553-205	MC	Q		26.81	26.26		1		369
NW		1.544				9.8			
0605-085	OH-010	Q		27.86	27.37		1	B	427

E		0.87				21			
0609+710	MRK3	S1		23.54	21.85		2	S	324, 323
E		0.0137	22.36			0.5			470
W			22.14			0.2			
0637-752*	PKS	Q		27.84	27.40		1	L	607, 551, 122
W		0.654				73			
0645+744	MRK6	S1		23.03	20.81		1		325, 217
SE	IC450	0.0193	22.61			0.18			
0651+542	3C171	S2		26.35	23.13		1		247
NW		0.2384	24.50			11			
SE(C-J)			24.11			10			
0658+329	A567B	G		24.78	22.87		2		448
NW		0.127				47			
SW						47			
0658+330	B2	G		24.98	23.68		2	C	448
E	A567A	0.127				55			73, 429
W									
0702+749	3C173.1	G		26.41	24.00		1		247
N		0.292	23.86			69			
0704+351A	4C35.16A	G		24.28	21.83		2	L	70, 429
N		0.078				17			
SE						17			
0707+476	B3	Q		27.81	27.30		1	C	191
NE	S4	1.31				0.037			
0710+118	3C175	Q		27.28	25.16		1	L	72, 157, 268
SW		0.768	25.67			112			66, 67, 60
C-J			<23.77			77			
0710+439	S4	S		27.15	24.82		1		597
N		0.518				0.041			
S(C-J)									
0711+356	OI318	Q		27.99	26.14		1		410
NW		1.626				0.09			
0712+534	4C53.16	G		24.83	22.96		1		218
NW		0.064	24.54			13			73, 96
0714+457		Q		26.72	26.74		1	C	256
SE		0.940				0.14			
0714-292	M4-1	S2		21.34	19.28		2		173
NW	ESO428-G14	0.0054				0.077			
SE						0.25			
0716+714	S5	BL					1		207
NW									
0720+381		G		25.24	24.92		1		635
NE		0.220				230			
0720+670		G		23.85	23.58		2	C	445, 448
NW		0.0864				29			
SE						29			
0723-008	PKS	BL		25.99	24.89		1	C	62, 191
NW		0.13				0.072			
0723+679*	3C179	Q		27.39	26.62		1		2, 73, 82, 83, 265, 439
W		0.846	26.21			59			447, 489, 488, 501, 523
0730+257	PKS	Q		27.73	26.37		1	B	369
NW		2.686	27.59			8.2			367
0733+597		G		23.99	22.93		2		599
N		0.040				0.018			

S						0.006			
0735+178*	PKS	BL		>26.58	>26.62		1	S	213, 229
S		>0.424				>6.6			23, 427, 488
0738+441		G		24.92	23.86		2		445, 448
N		0.1170				39			
S						32			
0740+828		Q		28.10	27.34		1		667
N		1.991				0.090			
0740+380	3C186	Q		27.34	25.40		1	S	571, 374
NW		1.06	26.82			5.3			
0742+318	4C31.30	Q		26.55	26.24		1		396
NW		0.462				210			73, 233
0745+521		G		24.42	22.68		2		445
E		0.0678				73			
W						64			
0745+241		Q		26.56	25.88		1		303
NW		0.41				0.033			
0748+126	PKS	Q		27.26	27.21		1		408
SE		0.889				61			
0751+298	4C29.27	Q		27.47	26.80		1	C	369
NW	B2	2.106				9.6			
0752+258	B2	Q		26.03	24.81		1		18, 527
SE	OI287	0.446				18			
NW(C-J)						25			
0755+379	NGC2484	G		24.49	23.59		1		667, 103, 63
SE	B2	0.0413	23.52			28			169, 452, 635
NW(C-J)	3C189								
0756+272	A610AB	G		24.66	22.68		2		448, 445
NE		0.0956				53			
SW						39			
0757+395		G		23.60	23.16		2		635
NW		0.057				76			
SE						70			
0758+143	3C190	Q		27.78	25.95		1	B	571, 374
SW		1.2	27.19			7.1			
0800+608	OJ061	Q		26.82	25.35		1		275
NE		0.689	26.33			70			555
0802+103	3C191	Q		28.12	26.36		1	C	5, 218, 369
SE		1.956	27.67			12			31, 115, 459
0805+046	4C05.34	Q		27.90	27.62		1		31, 180
NW		2.877				17			
0806-103	3C195	S2		25.73	23.88		1		402
SW		0.110				87			
0812+367	B2	Q		27.23	27.10		1	C	73, 477
NW		1.025				30			
0812+02	4C02.23	Q		26.68	25.60		1		493
NW		0.402				32			73, 221, 261, 521
0820+225	PKS	BL		27.47	26.42		1		211
SW		0.951	27.44			0.15			
0821+695	8C	G		25.70	24.36		2		327, 334
N		0.538				11			
S						12			
0821+621	4CP62.12B	Q		26.42	26.31		1		327, 600
SW		0.542				88			
0824+294	3C200	G		26.73	24.96		1		218, 60

SE		0.458	25.72			96			67, 73, 93
0826+180	B2	BL		24.61	23.96		1		86
SE	TEX	0.089				1.1			
0828+193		G		26.97	25.68		1		111
NE		2.572				26			
0828+493	OJ448	BL		26.73	25.90		1	C	210
NE		0.548	25.86			0.084			
0829+046	PKS	BL		25.55	25.35		1	L	357
NE		0.18				59			
0829+280							1		647
SE									
0831+557	4C55.16	G		26.97	25.45		1	C	486, 191
NW		0.2404				0.40			
0833+654	3C204	Q		27.39	25.69		1		72, 157, 268
NW		1.112	27.29			52			67, 73, 93, 447
C-J			<23.90			60			
0833+585		Q		27.52	27.64		1	L	408, 486
SE		2.101				45			73
0835+580	3C205	Q		27.86	25.73		1		368, 268
SW	B2	1.536				37			
0836+195	4C19.31	Q		27.24	26.56		1	S	369
NE	OJ160	1.691				57			
0836+710*	S5	Q		28.51	27.67		1	L	318, 659, 363, 438
SW	4C71.07	2.16				30			
0836+299A	4C29.30	S2		24.51	22.97		1		629
SW		0.0643	23.33			22			92, 452, 625
0836+290	B2	G		24.73	23.86		1	L	104, 436, 448
N	OJ261	0.0650	23.85			92			629
S(C-J)						62			436, 452, 620
0838+133	3C207	Q		27.23	26.45		1	L	218, 73, 264
E		0.684	26.93			25			60
0838+325		G		24.51	24.13		1		445
S		0.0694				95			
0839+616	4C61.19	Q		27.13	25.06		1		268
NW		0.862				32			
0839+186	DW	Q		27.39	27.23		1		463
NE		1.272				0.070			
0844+540	4C54.17	G		24.56	22.59		2		667
SE		0.0453				14			
NW						9.5			
0844+319	4C31.32	G		24.88	23.35		1	S	104, 73, 384, 452
N		0.0675	23.35			65			
SE									
0850+140	3C208	Q		27.52	26.27		1		72, 67, 73, 93
SW		1.110	26.17			22			157
C-J			25.33			22			
0850+581	4C58.17	Q		27.35	27.26		1		218, 36, 82, 261, 462
SE		1.322	26.54			38			554, 303
0855+143	3C212	Q		27.61	25.38		1		73
NW		1.049				22			
0859+681		Q		27.33	27.24		1		599
NE		1.499				0.12			
0859+470	4C47.29	Q		28.17	27.27		1	B	191
N		1.462				0.24			
0859-140		Q		27.99	27.36		1		303

SE		1.33				0.087			
0902+343		G		27.94	26.33		1		110, 338
NW		3.395	27.84			4.0			
0903+169	3C215	Q		26.27	24.63		1	S	72, 218, 67, 268
SE		0.411	25.30			40			
NW(C-J)			24.30			70			
0905-097	26W20	G		24.15	23.16		1	L	557
SE		0.054	23.45			305			
0905+420	B2	Q					1		21
SW									
0906+430*	3C216	Q		27.37	26.86		1	L	182, 595, 486, 449, 633
SE		0.668	26.39			0.6			6, 37, 462
0907-091		G		24.24	23.26		T	C	429
NW		0.1375				26			
SE						17			
0908-103		G		25.06	23.39		2	C	448, 436
NW		0.129				195			
SE						195			
0908+376	B2	G		24.89	23.50		T	C	73, 384, 452
NE		0.1047	24.18			29			
SW			23.71			23			
0909+162		G		24.17	21.99		2		445, 29
E		0.0851				19			
SW						19			
0910+411	IRAS	G		24.51	23.60		2		260
NW		0.442				29			
SE						34			
0912+211							1		647
NE									
0913+38	B2	G		24.27	<22.48		T		452
W		0.0711	23.39			16			
E			23.06			>8			
0915+32	B2	G		24.0	22.56		2	S	169, 452
N		0.0620	22.90			51			
S			22.90			56			
0915-118	3C218	S3		26.14	23.95		1	S	596, 67, 39, 591
NE	Hydra A	0.053				5			
SW(C-J)						5			
0917+458	3C219	S1		26.45	24.18		1		123, 417, 87
SW		0.1744	24.87			39			67, 74, 475, 528, 610
NE(C-J)			23.22			3.3			
0917+624*		Q		27.62	27.66		1		572
NW		1.446				0.14			
0919+218	4C21.25	Q		27.24	25.85		1		524
NE		1.421	26.37			22			
0920+313	B2	Q		25.94	26.27		1		647
SE		0.892				12			
0923+392*	4C39.25	Q		27.37	27.73		1		121, 12, 274, 11, 362
NE		0.699	26.09			8.0			311, 243, 383, 303, 10
									388, 13, 387, 358
0925+420	B	G			23.86		1		546
NE		0.365				248			
0927+586		Q					1		454
N									
0936-041	A841AB	G		24.70	23.16		2		448

NE		0.094				56			
SW						75			
0937+391	4C39.27	Q		26.55	24.71		1		218, 493, 60
SE		0.617	26.28			82			
0938+39	4C39.27	Q		26.99	25.00		1		73, 642
E		0.618				96			
0941+261	OK270	Q		28.12	27.39		1	C	369
NE	B2	2.910				7.1			
0941+522	OL568	Q		26.57	26.17		1		256
S		0.565				0.13			
0953+254	OK290	Q		26.66	26.53		1		408, 358
SW		0.712				50			
0954+658*	S4	BL		26.28	25.48		1	L	208
SW		0.386				18			
0954+443	7C	Q					1		508
NW									
0955+428	7C	Q					1		508
SE									
0957+003	4C00.34	Q		27.03	26.02		1		218, 73, 261, 272
W		0.907	26.65			76			
0957+561	Double	Q		27.15	25.96		1		100, 346, 73, 30
NE	QSO	1.405	26.14			22			89, 238, 237, 490, 510
0958+290	3C234	S1		26.30	24.14		1		247
NE		0.1848	23.58			128			
1000+263							1		647
S									
1001+226	4C22.26	Q		26.94	25.73		1		218, 73, 642
N		0.974	27.04			31			
1003+351	3C236	S3		25.78	24.64		1		378, 31, 70, 73
SE		0.0989				0.4			
1004+146	NGC3121	G		24.07	22.97		2		73, 282
NW		0.031				77			
SE						77			
1004+130	4C13.41	Q		25.91	23.87		1		73, 180
E		0.240				60			
W(C-J)									
1005+28		G		24.25	22.6		2		452
N		0.1476	23.28			40			
S			23.67			89			
1005+449	3C237	S		27.92	24.65		1		374
E		0.88				0.70			
1007+417	4C41.21	Q		26.91	25.85		1		73, 439, 447, 525
S		0.613				70			
1009+748	4C74.16	G		27.27	24.31		1		218
N		0.81	26.93			96			
1010+350		G		27.14	26.87		1		256
E		1.414				0.054			
1010+287	B2						1		21
SE									
1010+420	7C	Q					1		508
SW									
1011+496	B2	BL		25.25	24.91		1		21
W		0.2				1.6			
1012+232	4C23.24	Q		26.45	26.45		1		529

N	PKS	0.565				41			
1015+359	OL326	Q		27.18	27.16		1		667, 303
SE		1.226				27			
1018+456	7C	Q		25.34	24.89		1		508
S	B3	0.364				47			
1020+400	4C40.25	Q		27.51	26.70		1		486, 191
NW	B2	1.254				1.5			
1022+194	4C19.34	Q		27.32	26.60		1		191
NE		0.828				0.38			
1023+067	3C243	Q		27.38	26.47		1		369
SE		1.699				34			
NW(C-J)						30			
1024+419		Q					1		508
S									
1028+313	B2	Q		24.80	24.52		1		180, 233
NW	OL347	0.177				18			
1029+570	HB 13	G		23.81	22.50		2		73, 279, 391, 487
NW		0.034	23.31			210			
SE			——			167			
1030+602	MRK34	S2		22.67	21.35		2		173
NW		0.0505				0.63			
SE						0.83			
1032+343	TEX	Q		25.87	25.45		1	C	508
S		0.680				124			
1033+003	PKS	G					1		73
SW									
NE(C-J)									
1034+461A							1		508
NE									
1035+500		Q					1		508
S									
1035+486		Q					1	C	508
E									
W(C-J)									
1037+426		Q					1		508
SW									
1038+528	OL564	Q		26.44	26.39		1		493, 600
NE		0.677				78			
1040+31	4C29.41	G		24.03	22.77		1		452, 451
S	B2	0.0360	22.60			7.7			
1040+123*	3C245	Q		27.80	27.16		1		195, 5, 524
W	4C12.37	1.029	27.08			19			359, 82, 194, 266, 507
1055+201	4C20.24	Q		27.65	27.01		1		218, 408, 303
N	PKS	1.111	27.54			92			
1055+018	4C01.28	Q		27.51	27.51		1	S	85, 407, 427, 20
S	PKS, DA293	0.888				125			408
	OL093								
1058+726	4C72.16	Q		26.43	25.79		1		454
N	S5	0.375				8.5			
1100+772	3C249.1	Q		26.41	25.00		1	C	302, 72, 399
E		0.311	25.35			22			67, 73, 93, 371
NW(C-J)			24.36			10			157
1100+350		Q					1		338
E									
1100+358		G		27.06	25.35		1	S	42

NE		1.44	26.00			29			
SW(C-J)			–			42			
1101+384	MRK421	BL		23.68	23.47		1		23, 675, 303, 484
NW		0.0308	23.45			0.003			
1101-325	PKS	G		26.28	25.82		1		161
S		0.3554				89			
1102+30	B2	G		24.29	22.76		1		452, 153, 175
NE		0.0720	>22.84			>12			
SW(C-J)									
1103-006		Q		26.39	25.32		1	S	302, 399
NW		0.426				43			
1104+167	MC	Q		26.61	26.30		1	C	272, 261
N		0.632				90			
1107-372	NGC3557	G		22.80	21.42		2		54
E		0.00952				15			
W									
1107+483	S4	Q		26.70	25.73		1	L	463
S		0.74				0.12			
1108+27	B2	G		23.01	22.21		1		169, 452, 451
W		0.0331	22.80			19			
E			21.92			12			
1108+411	4C41.23	G		24.73	22.91		2	C	429
N		0.0737	23.87			5.1			
S			23.87			5.1			
1113-178		G		27.39	25.66		1		111
NW		2.239				9.3			
1113+295C	4C29.41	G		24.67	22.94		1		445, 400, 452, 451
W	B2	0.0489	23.34			22			
E(C-J)									
1116+28	B2	G		24.33	23.17		2		452
E		0.0667	23.20			50			
W			23.70			75			
1117+543		Q					1		454
W									
1118+000	PKS	G					2		450
S									
W									
1120+013		G		24.12	22.65		2	L	445
N		0.0719				19			
S						29			
1121+809	S5	BL					1		191
N									
1122+390	NGC3665	G		21.76	20.46		2		54, 73, 452, 451
W	B2	0.0067	21.17			4.0			
E			21.25			3.4			
1125+37	4C37.30	Q					1	L	416
NE									
1130-037	A1308B	G		24.54	23.85		2	C	448
N		0.063				168			
S						144			
1131+493	IC708	G		24.13	22.74		2	C	445
NW		0.0321				44			73, 618
SW						44			
1132+492	IC711	G		23.73	22.59		2	C	429
NW		0.0324	22.01			13			

SW			22.01			13			
1136-135	PKS	Q		27.15	26.27		1		14, 528
SE		0.554				38			
1137+18	NGC3801	G		23.06	20.59		2	C	73
SE		0.0105				2.1			
SW						2.1			
1137+660*	3C263	Q		27.90	25.98		1		72, 267
SE		0.646	25.54			63			67, 266, 672, 157
C-J			<23.93			94			
1138-262	PKS	G		27.73	25.49		1		111
W		2.156				34			
1141+354	4C35.26	G		27.15	24.73		1		338
NE		1.781				12			
1142+198	3C264,B2	S		24.48	23.09		1	S	450, 139, 389, 333, 665
NE	NGC3862	0.0208	23.67			10			140, 332, 566
SW(C-J)	UGC6723								140, 39
1142+052	PKS	Q		27.50	26.94		1		86
NE	B2	1.342				7.8			
1144+352	B2	BL		24.39	24.37		1	S	452, 451, 565, 547, 224
SE	Zw186.48	0.0630	22.80			21			
NW(C-J)			22.15						
1146+596	NGC3894	G		23.71	21.93		2		599, 601
SE	UGC06779	0.01085	22.55			0.0019			
NW			22.74			0.0009			

Table 1 *continued*

IAU	NAME	ID	lg $P_j^{1.4}$	lg $P_t^{1.4}$	lg P_c^5	d_j	SID	Mor	References
		Z	W/Hz	W/Hz	W/Hz	Kpc			
1147+245	OM280	BL					1	S	212, 210
W	B2,MG								
	GC								
1150+497	4C49.22	Q		26.43	25.85		1	B	3, 218, 486, 523
SW		0.334	26.14			22			85, 439, 447
1150+812	S5	Q		27.76	27.26		1		191
SE		1.25				0.035			
1155+266		G		25.10	22.87		2		445
NW		0.1120				66			
SE						56			
1155+186	B2						1		86
SW									
1156+295*	4C29.45	BL		27.10	26.99		1		395, 647
N		0.729				16			
1158+122	MC2	Q		27.14	26.13		1		369
SW		2.018				52			
1159+583	4C58.23	G		25.07	22.81		1	C	436, 445
NE		0.1018	23.55			14			
SW(C-J)									
1201+205	NGC4061	S2		23.58	21.38		2	C	628
E		0.0236	21.75			30			
W			21.75			30			
1201+282		G		24.68	<21.89		?		445
S		0.1390				48			
1203+043							1		380
SW									
1206+439	3C268.4	Q		27.66	26.08		1		359, 93
SW		1.400	25.90			21			
1208+396	NGC4151	S1		21.71	20.47		2		469, 404, 612, 467
NE		0.0033				0.10			
SW						0.11			
1209+746	4CT.74.17.1	G		24.99	23.26		1		678, 73
NW		0.107				120			
1216+423	M106	S2		21.68	19.70		2		117
SE	NGC4258	0.002				3.4			
NW						2.7			
1216+061	3C270	G		24.01	22.25		2	C	402, 278, 288
E	NGC4261	0.0073				31			54, 73
W						31			
1217+023	PKS	Q		25.68	25.33		1		73, 180, 233
NE		0.240				121			
1219+285		BL		25.56	24.26		1		303
SE		0.10				0.011			
1221+809	S5	BL					1		256, 528, 647
N									
1222+216		Q		26.64	26.19		1	S	532
NE		0.435	25.93			42			
1222+13	3C272.1	G		23.24	21.72		2		73, 330
N	M84	0.0031				3.3			
S									
1223+129	NGC4388	S1		22.11	20.16		1	L	405

SW		0.008				0.35			
1225+368	ON343	Q		28.36	27.37		1		143, 667, 463
W		1.9747				0.23			
1226+023*	3C273	Q		27.14	26.92		1		1, 121, 317, 25, 518, 47
SW		0.158	26.66			39			26, 137, 130, 516, 127
									673, 301, 349, 73, 83
									146, 136, 145, 172, 202
									144, 255, 257, 488, 501
									528, 99, 614, 196, 313
									239, 298, 300, 205, 258
									543, 542, 128, 418, 348
									538, 539, 517, 669, 670
									592, 303, 358, 382, 263
									519
1226+105	MC2	Q		27.81	26.51		1	C	218, 369
SW		2.296	27.51			8.1			31, 32, 477
1227+119		G		25.12	23.34		2	L	445
NW		0.0843				26			
SE						26			
1228+126*	M87	S		24.78	22.92		1		281, 26, 61, 420, 49
NW %	Vir A	0.0043	23.27			2.0			397, 158, 52, 214, 99
	3C274								668, 603, 442, 259, 201
	NGC4486								568, 575, 105, 73, 120
	Arp 152								419, 576, 292, 300, 473
									53, 495, 297, 329, 444
									501, 505, 506, 544, 564
									298, 306, 307, 372, 481
									543, 578, 583, 643, 303
									389, 479, 293, 41, 441
									51, 566
1231+674	4C67.21	G		25.06	22.85		2		436, 445, 296
NE		0.1062	23.03			16			424, 435
SW			23.29			32			
1233+169		G		24.64	23.60		2		445
SW		0.0784				49			
SE						29			
1233+168		G		24.96	22.68		2	C	445
NE		0.0784				23			
SE						23			
1234-723	B	G		23.87	23.16		T		360
N		0.023				103			
S(C-J)						97			
1234+396							1		308
E									
1235-182	MC	Q		27.34	26.33		1		369
E		2.192				13			
1238+188		G		24.48	22.88		2	C	445
W		0.0718				104			
E						104			
1241+166	3C275.1	Q		27.08	25.74		1		218, 359
NW		0.557	26.55			36			73, 611
1243+267		G		24.22	22.81		2		448
N		0.0891	23.97			45			452
S			23.12			50			
1244+492	4C49.25	S2		25.84	24.30		1		534

NE		0.206	24.22			3.7			
1244+699		G		24.80	23.25		2	C	429
NE		0.157	23.23			26			
SW			23.23			26			
1247-012		G		24.34	23.45		1	C	445
NW		0.0825				34			
1250-102	NGC4760	G		23.27	22.14		2		73, 525
NW		0.0138				2.9			
SE									
1250+568	3C277.1	Q		26.61	25.70		1		374
NW		0.32				2.7			
1251+273	NGC4789	G		23.55	21.16		2		131
NW	UGC8028	0.027				6.7			73
SE						6.7			
1251+278	3C277.3	G		25.38	22.99		1		73, 300, 398, 627
S	Com A	0.0857	23.52			11			
1252-122	3C278	G		24.23	22.13		2	L	402
E	NGC4783	0.0138				14			73, 39
W						14			
1253-055*	3C279	Q		27.56	27.56		1		26, 112, 5, 349, 73
SW		0.536	26.66			14			114, 83, 501, 265, 477
									613, 150, 499, 482, 358
									357
1254+277	NGC4839	G		22.63	21.18		2		452
N	B2	0.0249	22.2			5.4			
S			22.06			6.5			
1256+281	NGC4869	G		22.91	21.08		2	C	73, 429
NE	5C4.81	0.0235	22.02			3.2			
SW			22.02			3.2			
1257+28	NGC4874	G		23.05	20.81		2		429, 185
NE	5C4.85	0.0232				3.2			
SW						3.2			
1258-321	PKS	G		23.53	22.54		2		161
NW	B	0.017				6.6			73
SE						6.6			
1258+404	3C280.1	Q		27.84	26.21		1	B	5, 218, 369
SE		1.659	27.65			98			73, 587
NW(C-J)									
1303-250	MRC	Q		26.63	25.46		1	C	295
NW	B2	0.738				73			
1305+801	S5	Q		27.15	26.41		1		647
NE		1.183				75			
1306+107	4C10.35	G		24.33	23.12		2	C	448
NW		0.136	22.96			13			436
SE						13			
1308+182	4C18.36	Q		27.32	26.00		1	C	218, 369
SE		1.689	26.89			16			31, 586
NW(C-J)									
1308-441		G		24.55	23.81		?		289
NW		0.051				245			
1311-270	PKS	Q		27.8	26.66		1		369
SW		2.195				42			31
NE(C-J)						38			
1313+073		G		24.75	22.57		2	L	453, 455
E		0.0507				25			

W						–			
1315+346	B2	Q		26.98	26.76		1	C	73, 647
NE	OP326	1.050				13			
1316+299	4C29.47	G		24.85	23.25		2	S	73, 132, 452
E		0.0728				110			
W						110			
1317+520	4C52.27	Q		27.37	26.78		1	C	218, 73, 447, 439
SE		1.060	26.91			41			
1318-434	NGC5090	G		23.87	22.88		2	S	402, 361
NE	PKS	0.011				29			360
SW	B					24			
1318+113	4C11.45	Q		28.35	26.88		1	C	218, 369
SW		2.171	27.88			44			31, 367
1319+428	3C285	G		25.27	22.69		1		344
NE		0.0794	23.76			84			
1320+584	A1731	G		25.15	23.56		1		445
E		0.1932				23			
N(C-J)						23			
1321+31	NGC5127	G		23.85	21.77		2	S	73, 169
SE	B2	0.0161				55			
NW									
1322-427%	Cen A	G		24.62	22.12		1		291, 124, 160, 70, 73
NE	NGC5128	0.0012	21.97			5.2			285, 19, 77, 80, 162
SW(C-J)	PKS		20.32						300, 95, 181, 403, 491
									437, 604, 401, 206, 314
1322+36	NGC5141	G		23.42	22.38		T		452
S	4C36.27	0.0175	22.45			7			
N(C-J)	B2					7			
1323+655	4C65.15	Q		27.44	25.71		1	L	218, 369
SW		1.618				29			31, 554
1323+321		G		27.22	–		1		303
SE		0.37				0.078			
1328+307	3C286	Q		28.18	27.88		1	B	5, 311, 571, 73
SW		0.849	26.68			0.54			676, 367, 563
E(C-J)			26.49			0.17			
1330+022	3C287.1	Q		26.19	25.26		1		254
W		0.2159				61			
1331-099		G		25.23	23.61		1		535
SE		0.081	22.71			0.63			
1333-337	IC4296	G		24.41	22.46		2	C	402, 289
NW		0.0129	23.29			81			54, 73, 170, 304, 305
SE			23.29			81			
1335+047	NGC5252	S2		21.45	21.68		?	C	405
NW		0.022				9.5			
1335+552		Q		27.11	26.96		1		599
SE		1.096				0.059			
1336+39	3C288	G		26.39	23.85		T		71
NW		0.246	24.63			6			
SE			23.68			-			
1343-601	Cen B	G		25.20	23.58		2		394, 287
SW		0.01215				66			
NE(C-J)						45			
1345+125	4C12.50	S2		26.10	24.87		1		193, 574
SE	PKS	0.121				0.11			
1345+584	4C58.27	Q		27.61	26.41		1	C	369

W		2.039				52			
1347+539	4C53.28	Q		27.16	26.77		1		486, 667, 191
SE		0.978				0.12			
1350+316	3C293	G		25.01	22.70		T		4, 171
E		0.0452				1.2			
W						0.36			
1354+195	PKS	Q		27.15	26.92		1		218, 408, 523
SE	4C19.44	0.720	26.45			66			522
1354+258	PKS	Q		27.32	26.44		1	L	369
NE	OP291	2.032				41			
1355+219		G		23.74	23.47		2		445
NW		0.0668				38			
SE						38			
1357+28		G		24.03	22.45		2		452
N		0.0629	23.44			23			
S			23.00			22			
1358+624	4C62.22	S		27.01	24.22		1		143, 597
SE		0.431				0.17			
1359-113		G		24.49	23.08		1		448
NW		0.0365				97			
1400-001		G		27.29	25.51		1		111
NW		2.363				34			
1400+162	MC	BL		25.76	25.01		1		233, 527
NE		0.244				6			
1402+044	PKS	Q		28.46	28.22		1	L	191
NW		3.211				0.063			
1407+177	NGC5490	G		23.68	22.00		2		131
E	UGC9058	0.0163				2.0			73
W						5.5			
1409+595		Q					1		454
E									
1413+135	PKS	BL		25.91	25.61		1		480, 191, 463
SW		0.249				0.23			
NE(C-J)						0.084			
1413+349							1		143
NE									
SW(C-J)									
1414+110	3C296	G		24.43	22.69		2		342, 248
SW	NGC5532	0.0237				50			55, 73
NE						50			
1415+253	NGC5548	S1.5		21.86	21.07		2	S	411, 662
NW	UGC9149	0.017				1.2			
SE						0.23			
1415+084		G		24.08	22.28		2		445
NE		0.0570				57			
SW						14			
1416+423	3C298	Q		28.27	27.01		1		236, 374
E		1.44				4.6			
1418+546	OQ530	BL		25.33	25.39		1		486
SE		0.152				0.072			
1420+198	3C300	G		26.44	23.74		1		247
NW		0.272	25.03			182			
1422+202	4C20.33	Q		27.29	25.56		1		380, 381, 24
S		0.871	26.94			24			180
1422+26	B2	G		24.00	22.25		2		452, 153, 175

SE		0.0370	22.25			13			
NW			22.35			15			
1433+177	4C17.59	Q		27.16			1		528
SE		1.203				22			
1433+553	4C55.29	G		25.05	23.44		1		445, 296
NW(C-J)		0.1396	22.85			45			436
SE			23.36			45			
1433+304							1		191
NE									
1441+522	3C303	S1		25.75	24.53		1		5, 342
NW		0.141	24.33			26			73, 330, 320, 370
1447+771	3C305.1	G		27.06	27.09		1		374
NE		1.13				1.1			
1448+634	3C305	G		24.73	22.57		2	S	277, 341
NE		0.041				1.4			73
SW(C-J)						1.1			
1450+28	B2	G		24.56	22.56		2		73, 452
E		0.1265	23.81			15			
W			21.89			25			
1450+333	B	G			23.46		1		546
N		0.249				51			
S(C-J)						52			
1451-375	PKS	Q		26.36	26.24		1		73, 523
SW		0.314				17			
NE(C-J)									
1452-517		G		23.75	22.68		2		289, 360
NE		0.016				64			
SW						64			
1453+120	UGC9602	G		23.65	22.77		2		131
NE	PGC53379	0.0323				59			
SW						43			
1458+718	3C309.1	Q		28.01	27.62		1	C	73, 501, 648, 191, 374
NE	4C71.15	0.904	26.60			3.8			
1508+065		G		24.61	22.98		2		445
SE		0.0817				10			
1508-055		Q		28.32	26.88		1		303
E		1.18				0.087			
1508+059	PKS	G		25.13	22.52		2		594
NW		0.0767				10			
SE						10			
1509+158	4C15.45	Q		26.96	26.08		1		524, 493
SW		0.828	25.80			33			529
1510-089A	PKS	Q		28.76	28.19		1		191
NW		2.10				0.14			
1510-089	PKS	Q		26.41	26.40		1		427
SE		0.361				24			
1511+103	MC2	Q		26.64	25.49		1		369
NE		1.546				95			
1512+370	PG	Q		26.18			1		642
		0.371							
1514-241	Ap Lib	BL		24.79	24.68		1	C	573, 357
NE		0.049				45			
1518+045	PKS	G		24.91	23.85		2		161
NE		0.052				47			

SW						47			
1519+567							2		454
E									
W(C-J)									
1521+288	4C28.39	G		24.58	23.58		1		104
SE	B2	0.0825	23.80			53			452
NW(C-J)									
1522+155	MC3	Q		26.36	26.24		1		17
S		0.628				39			
1525+290		G		23.98	22.10		T		29, 452, 29
NE		0.0653	23.29			11			
SW			23.40			11			
1528+29		G		24.21	22.31		2		452
NE		0.0843	23.48			130			
SW			23.24			88			
1529+242	3C321	S2		26.15	23.62		1		39, 344
NW		0.0960				16			
SE(C-J)									
1532+016		Q		27.78	27.07		1		303
SE		1.44				0.024			
1540+180	4C18.43	Q		27.93	26.91		1		369, 31
N		1.662				15			
1545+210	3C323.1	Q		26.28	24.50		1		60
SW		0.264				38			
1547+215	3C324	Q		27.87	23.58		1		43
E		1.206				30			
1549+628	3C325	G			25.23		2		242
NW		0.86				78			
SE(C-J)						98			
1550+703							1	S	308
SE									
1553+24		G		23.36	23.01		2		400, 452, 451, 103
NW		0.0426	22.93			21			
SE			22.69			17			
1555+332	GC	Q		26.38	23.98		1		180
W		0.942				80			
1559+021	3C327	S2		26.10	23.39		1		340
W		0.1039	22.22			228			
E(C-J)									
1600+243							1		647
NE									
1602-001	4C-00.63	Q		27.66	27.01		1		31, 369
W		1.625				68			
1603+178	NGC6047	G		23.93	21.97		2	S	219, 186
N		0.0319	22.68			6.1			
S(C-J)						2.6			
1603+001	4C00.58	G		24.91	23.27		1	S	45
E		0.059				9.8			
1606+180	4C18.47	Q		26.28	24.34		1		493
SW		0.346				27			
1607+268	CTD93	G		26.99	25.78		1		191, 552
SW	PKS	0.473				0.18			
1610-608	B	G		23.97	22.41		2	L	290, 287
E		0.0143				49			

W						49			
1611+343	DA 406	Q		27.88	27.78		1	L	357, 57, 358
S		1.401				0.020			
1613+27	B2	G		24.03	22.69		2		452
S		0.0647	23.24			13			
N			23.04			11			
1615+425		G		24.20	23.20		2		73, 429
NW		0.131				26			
SE						17			
1615+351	NGC6109	G		23.40	22.48		2	C	169, 429, 452
NW	B2	0.0295	22.82			4.3			
SE(C-J)			22.82			4.3			
1616+366							1		454
SW									
1618+177	3C334	Q		26.97	25.78		1	L	72, 218, 261
SE		0.555	25.68			63			66, 67, 73, 157
NW(C-J)			24.48			96			60
1621+380	NGC6137	G		23.62	22.75		2		429, 451
S		0.0310				1.9			
N						1.9			
1622+238	3C336	Q		27.31	25.56		1		72, 67, 157
SW		0.927	26.27			29			
C-J			24.97			65			
1622-297	PKS	Q		27.26	27.18		1		606
W		0.815				0.12			
1623+410		G		23.11	22.76		1		663
SE		0.0304	22.74			0.63			
1624+416	4C41.32	Q		28.57	27.99		1		191
N		2.55				0.23			
1626+396	NGC6166	G		24.51	23.16		2	C	219, 183, 222, 440
E	3C338	0.0303				10			452, 451, 175
W	B2					11			
1626+278	3C341	G		26.80	23.49		T		342, 73
NE		0.448				113			
SW						142			
1629+680	4C68.18	Q		28.17	27.69		1	L	141
S		2.475	27.74			0.57			
1633+382*	4C38.41	Q		28.19	28.01		1		486, 34, 358
W	B2	1.814				0.37			407, 427
1636+379	4C37.48	G		25.26	23.12		1		436, 445
NE	B2	0.161	23.24			62			355
SW(C-J)						62			
1637+299	B2	G		24.40	22.89		2	C	154, 152
SE		0.0875				158			
NW						105			
1637+826	NGC6251	S2		24.14	23.66		1		309, 286, 378, 73, 582
NW		0.0230	24.11			161			283, 284, 501, 279, 300
SE(C-J)			22.46						474, 377, 411, 581
1638+32	B2	G		24.80	24.06		1		452
W		0.1398	24.06			27			
1638+398	NRAO 512	Q		27.66	27.54		1		311
SE		1.666	25.81			16			
NW(C-J)									
1638+538	4C53.37	G		24.93	23.21		2	C	445, 73, 98
NW		0.1098	22.23			43			

SE			22.23			27			
1641+399*	3C345	Q		27.57	27.57		1		121, 26, 319, 500, 73
NW		0.594	26.37			9.5			393, 349, 81, 48, 85
SE(C-J)			24.90			—			616, 671, 83, 127, 128
									265, 367, 459, 477, 488
									501, 588, 615, 310, 592
									364, 209, 515, 303
1641+173	3C346	S2		26.05	24.81		1		571, 148, 303
NE		0.16	25.42			6.4			
1642+690*	4C69.21	Q		27.07	27.08		1	C	311, 73, 265, 427, 426
S		0.751	26.25			16			457, 462, 477, 631
									191, 631, 303, 523
1643+113	B2						1	C	86
SE									
1643+27	B2	G		24.05	22.74		1		452
N		0.1017	23.15			18			
1648+050	3C348	G		27.10	23.61		1	C	73, 241, 254, 556
E	Her A	0.154				118			
W(C-J)						112			
1652+398	MRK501	BL		24.30	23.69		1	B	486, 133, 619, 303, 168
SE	4C39.49	0.0337				0.016			191
	DA426								
1656+571		Q		27.32	26.99		1		599
NE		1.290				0.077			
1658+575	4C57.29	Q		27.79	26.48		1		369, 31
NE		2.173				13			
1658+326	4C32.52E	G		24.52	22.62		1		429
S		0.1024				16			
1658+30A	B2	G		23.88	22.89		1		452, 103
SW	4C30.31	0.0351	23.17			24			
1702+298	4C29.50	Q		27.93	26.41		1		369, 31, 366
NE		1.927	26.80			4.2			
1704+608	3C351	Q		26.65	24.14		1		302, 72
NE		0.371	24.74			75			67, 157
SW(C-J)			22.85			2.2			
1705+456	4C45.34	Q		26.84	26.25		1		191
SW		0.648				0.050			
1705+786		G		23.32	21.84		2	C	429
E		0.0561	22.72			6.2			
W			22.72			6.2			
1709+460*	3C352	G		27.23	24.39		1		218
NW		0.806	27.00			42			
1712+638		G		24.27	24.33		2	C	429
W		0.0829				43			
E						43			
1717-009	3C353	G		25.70			2		584, 585
NE		0.0304	23.46			40			
SW(C-J)			22.99			43			
1719+357	OT332	Q		25.60	25.25		1		667
S		0.263				183			
1721+343	4C34.47	Q		25.84	25.22		1		396, 33
SE	B2	0.206				200			
1732+160*	4C16.49	Q		27.52	25.40		1		218, 369
N		1.270	27.04			63			
1736+32	B2	G		24.14	22.92		1		452

NW		0.0741	23.10			12			
SE			22.90			>5			
1739+183	UGC10944	G					2		131
E	PGC60713								
W									
1741+279	4C27.38	Q		26.75	26.11		1		380, 379, 381
NW	B2	0.372	26.27			16			528
S(C-J)			25.78			15			
1743+666	8C	G		25.58	23.55		1		328
NE		0.272				56			
SW(C-J)						25			
1745+624		Q		28.37	28.11		1		599
SW		3.886				0.053			
1747+30	B2	G		23.96	22.91		1		452, 451
N		0.1297	23.36			29			
1749+701		BL		27.57	26.52		1		303
NW		0.77				0.030			
1749+096	OT081	BL		26.16	25.83		1	C	362
N		0.322	26.11			0.010			
1751+681B	8C	G					1		328
SE									
NW(C-J)									
1752+32B	B2	G		23.47	22.30		2		73, 452, 451
SW		0.0449	23.13			31			
NE			22.87			21			
1753+580		G		24.62	<23.32		1	C	429
SE		0.160				15			
SW(C-J)						15			
1754+631	8C	G					1		328
W									
1754+292							1		647
NE									
1759+211	PKS	G		24.78	23.11		1		73, 531
SW	4C21.51	(0.08)				16			
1800+440	OU401	Q		26.56	26.04		1	C	486, 667, 454, 303
SW		0.663				13			
1802+110	3C368	Q		27.37	23.63		1		43
NE		1.132				9.0			
SW(C-J)						19			
1803+784		BL		27.34	26.97		1		303
W		0.68				0.026			
1803+661	8C	G					2		328
SE									
NW									
1807+279	4C27.41	Q		27.66	27.29		1		73, 647
NE	B2	1.76				13			
1807+698	3C371	BL		24.84	24.60		1		5, 486, 350, 427, 459
SW		0.050	23.43			14			73, 477, 501, 664, 422
									303, 389, 537, 226
1809+568	7C						1		463
SE	CJ								
1815+680	4C68.20	G		25.09	24.71		1		328
SW	8C	0.230				50			
1815+246							1	C	647

E									
1816+475	4C47.48	Q		27.73	26.24		1		218, 369, 31
NW		2.225	27.34			14			
1819+396		G		26.85	25.40		1		143
S		0.4	26.69			0.50			
1820+689		G		24.84	23.65		1	C	445
NW		0.0880				58			
SW(C-J)						14			
1823+568	OU539	BL		27.39	26.88		1	L	486, 427, 191, 303
S	4C56.27	0.664				11			
1826+796		G		25.16	25.33		1		599
SW		0.224				0.036			
1827+32	B2	G		24.07	23.08		2		452
E		0.0659	22.80			70			
W			22.90			33			
1828+487*	3C380	Q		27.94	27.30		1	L	646, 561, 648, 485, 428
NW		0.692				2.6			155, 592, 294
1829+290		G		27.47	25.26		2	L	143
E		0.842	27.14			0.25			
W			27.11			0.25			
1830+285	4C28.45	Q		26.83	26.25		1		261, 647
NW	B2	0.594				52			
1832+280							1		647
S									
1833+326	3C382	S1		25.34	23.63		1		56, 223
NE	B2	0.0578	23.55			65			
1834+620	TEX	G		26.45	23.78		2		335, 545
SE		0.5194				428			
NW						442			
1842+681	S4	Q		26.54	26.29		1		191
SE		0.475				0.089			
1842+455	3C388	G		25.73	23.76		1	C	520, 73, 94
SW		0.0908	23.71			22			
NE(C-J)			23.32			7.9			
1845+797*	3C390.3	S1		25.59	24.10		1		15, 492, 494, 303
NW %		0.0569	23.55			99			343
SE(C-J)			22.74			54			
1846+326							1	C	647
E									
1849+670	4C66.20	Q		26.93	26.52		1		599, 191
NW	S4	0.657				0.043			
1850+702		G		24.32	23.96		2	C	429
NE		0.079	22.66			33			
SE			22.66			33			
1856+737	S5	Q		26.20	26.00		1		600
NE		0.460				88			
1857+566	4C56.28	Q		27.57	25.99		1	B	218, 369, 31, 73, 439
SE		1.595	27.28			61			439, 447
1857+630	B	Q					1		21
NE									
1901+319	3C395	Q		27.20	26.84		1	L	526, 331
NW		0.635				2.6			
1919+479	4C47.51	G		25.22	23.19		1	L	73, 92, 90, 96, 97
E		0.103	23.21			260			511, 512
1922+478		Q					1		454

N									
1923+210							1		647
W									
1924+507	4C50.47	Q		27.04	26.76		1		600, 439, 447
NE		1.098				34			
1928+738*	4C73.18	Q		26.58	26.49		1	C	67, 270, 311, 408, 46
SE		0.302	24.8			46			82, 166, 265, 488, 522
NE(C-J)			24.0			—			560, 659, 303, 593, 358
1928+681	B	Q					1		21
SE									
1939+605	3C401	G		26.37	24.09		1	C	247, 73, 93
SW		0.201	25.24			23			
1940+50	3C402N	G		24.31	22.08		2		73
		0.0247				6.2			
1945+241							1		609
N									
1946+708		G		25.03	23.26		2	S	599, 598, 565, 464
SW		0.101				0.053			
NE						0.020			
1949+023	3C403	S2		25.41	22.59		1		56
NW		0.059	23.99			26			
1954+513	OV591	Q		27.55	27.53		1		311, 486, 191, 57
NW		1.2230	26.68			43			
1957+405%	3C405	S1		27.73	24.12		1		66, 67, 319, 108, 107
NW	Cyg A	0.057	24.57			47			315, 73, 352, 476, 316
SE(C-J)			24.00			26			501, 533, 423, 303, 658
									109
2005-044	3C407	Q		26.65	25.81		1	L	493, 60
NE		0.589				49			
2007+777	S5	BL		25.96	26.20		1		312, 408, 16, 471
SW		0.342				62			191
2015+657		Q		28.17	27.83		1		599
NW		2.845				0.081			
2017+743	4C74.25	Q					1		191
E	S5								
2021+317							1	S	647
NE									
2025-218		G		27.65	24.88		1		111
SW		2.630				11			
2033+187		Q					1	L	379
N									
2036-254		G		27.42	24.29		1		111
NE		2.00				17			
2037+511	3C418	Q		28.41	28.18		1	B	496, 73, 427, 426
NW		1.686				9.3			
2040-26		G					2		77, 170
SE									
NW									
2043+749	4C74.26	Q		25.30	24.71		1		509, 458
SE		0.104				191			
2045+068	3C424	G		25.67	23.60		2		56
NW		0.1270	24.34			15			
SE			24.44			6.7			
2054+611							1		599

NE									
2105+236		G		27.63	25.94		1		111
NE		2.479				74			
2112+202							1		647
NE									
2116+26	NGC7052	G		22.72	22.10		2		73, 400, 452, 451
N	B2	0.0164	21.66			10			
S			21.88			10			
2116+818	S5	S1		24.51	24.11		1		600
NW		0.086				16			
2120+168	3C432	Q		27.63	25.64		1		72, 67, 157
SE		1.805	25.74			28			
C-J			<24.82			20			
2121+248	3C433	S2		26.15	22.76		1		450, 56, 39, 73, 621
N		0.1016	24.24			30			
2128+048		G		27.85	25.46		1		574
NW		0.99				0.090			
2129+492							1		609
SW									
2131-021	PKS	BL		26.87	26.82		1		573
SE		0.557				14			
2134+004	PKS	Q		28.50	27.37		1	S	358
NW		1.932				0.014			
2138+826	S5	Q		27.95	27.51		1		647
SE		2.35				6.4			
2141+279	3C436	G		26.21	23.99		1		247
S		0.2145				107			
2145+067	4C06.69	Q		28.19	27.84		1		191
SE	PKS	0.99				0.038			
2147+145		Q					1	L	379
NE									
2148-555	B	G		26.14	22.91				360
NE		0.035				101			
SW						132			
2149+212	4C21.59	Q		27.55	26.56		1		369
SW		1.534				7.6			
2149-158AB	PKS	G		24.26	22.80		2	C	450, 445
E		0.0616				71			
NW						51			
2150+173	PKS	BL					1		191
W									
2152+085		G		24.77	23.28		T	C	445
NW		0.1500				26			
SW(C-J)						29			
2152-699	PKS	G		25.82	23.86		2		198
NE		0.0282				14			
SW						2.4			
2153+377	3C438	G		26.86	23.99		2		342, 247, 67, 73
NW		0.292	25.19			24			
SE(C-J)			25.11			24			
2200+420*	BL Lac	BL		25.77	25.07		1	L	486, 191, 590, 156
SW		0.0688				0.12			
2201+315	4C31.63	Q		26.25	26.18		1		408, 191, 57, 358
SW	GC	0.298				102			

	B2								
2201+044	4C04.77	BL		24.10	23.41		1		336, 537
NW	PKS	0.028				2			
2202+128		G		27.37	24.82		1		111
SW		2.704				8.4			
2203+292	3C441	G		26.96	<23.16		1		326
SE		0.708				39			
2206+650							?		454
W									
2209+152	MC3	Q		26.85	25.98		1		218, 369, 31
NE		1.502	26.63			23			
2209+080	4C08.64	Q		26.52	25.83		1		493
S	PKS	0.484				25			
2210+016		G?		26.92	25.72		1		574
W		(0.5)				0.20			
2212+136	NGC7237	G		24.41	22.10		?		131
NE	UGC11958	0.0268				63			
2213-283	MRC	Q		27.00	25.83		1		295
E	B2	0.946				210			
2214+358A	MGC	Q		26.24	24.90		1		406
E		0.879				12			
2221-023	3C445	S1		25.30	23.51		1		73, 340
S		0.057	23.04			210			
N(C-J)			22.15			33			
2223-052	3C446	BL		28.15	28.20		1		182, 303
E		1.404				1.4			
2229-086	A2448AB	G		24.68	23.23		2		448, 445
E		0.073				96			
W						102			
2229+391	3C449	G		24.02	22.07		2	B	106, 131, 55, 73, 99
N	UGC12064	0.0171	<22.1			19			169, 279, 249, 187
S	B2					19			
2230+114	CTA102	Q		28.04	27.68		1	L	644, 191, 303, 593
SE	4C11.69	1.037				0.11			
2231+359	B						1		21
NE									
2236+35	B2	G		23.44	21.83		2	S	73, 400, 452, 451
NE		0.0277	22.83			9			
SW			22.88			9			
2236-176	PKS	G		24.96	22.71		2	L	170, 436
SW		0.0698	24.12			37			
NE			24.12			37			
2240-260	PKS	BL		26.87	26.73		1	C	573
NE		0.774				30			
2243+394	3C452	G		25.90	24.23		1		56
SW		0.0811	23.84			74			
NE(C-J)			23.57			74			
2243-178	A2480	G		24.89	23.28		2		29
N		0.1234				19			
S						18			
2248+192	4C19.74	Q		27.55	25.82		1	S	369
NW		1.806				13			
2249+185	3C454	Q		28.04	<27.02		1	L	571, 374
S		1.76	27.74			2.3			

N(C-J)			26.57			0.46			
2251+134	4C13.85	Q		26.88	26.51		1		493, 528
SE		0.673				15			
2251+158*	3C454.3	Q		28.10	28.03		1		121, 114, 83, 456, 501
NW		0.859	26.43			21			73, 84, 477, 488, 315
									303, 228, 362
2252-089	PKS						1	B,S	191
SW									
2252+129	3C455	Q		26.79	23.76		1		60
SW		0.555				4.3			
2259+137		G		24.91	23.74		2	C	445
NE		0.1721				50			
NW						78			
2259+568							1		454
SE									
2300-189	PKS	Q		25.44	24.90		1	S	73, 271
NW		0.129				68			
NE(C-J)						68			
2305+18	PKS	Q		26.08	24.78		1		234, 235
N	4C18.68	0.313				4.0			
2308+072	4C07.61	G		24.75	24.10		2	C	628
NE	NGC7503	0.0448	23.19			30			
SW(C-J)			22.89			30			
2309+184	3C457	G		26.64	24.21		1		342
NE	PKS	0.428				10			
2314-116	PKS	Q		25.99	25.56		1		493
N		0.549				48			
2316+184	OZ127	G		23.70	22.41		2	C	73, 429
NE		0.0395				21			
SE						21			
2318+079	NGC7626	G		23.17	21.31		2		131, 54, 73
SW	UGC12531	0.0112				7.5			
SE(C)						7.5			
2318+620							2		609
N									
S									
2320+506							1	L	191
SW									
2322+143A		G		24.22	22.25		2	C	429
NE		0.0440	23.26			3.6			
SW			23.26			3.6			
2325+29	4C29.68	Q		27.34	26.37		1		218, 73, 642
SE		1.015	27.03			85			
2330+091		G		24.82	22.56		2	C	445
N		0.1623				17			
SE						26			
2335+267	3C465	G		24.85	23.37		1	L	131, 629, 73, 92, 167
NW	NGC7720	0.0293				24			169, 339, 432, 149
SE(C-J)	UGC12716								
2335-027	PKS	Q		27.39	26.63		1	L	191
NE		1.072				0.19			
2337+268	NGC7728	G		23.49	23.15		2		131, 73
NE	UGC12727	0.0314				39			
SW						39			
2338+042	4C04.81	Q		27.98	27.15		1		369, 31, 73

SE		2.594	27.24			4.6			
2338-290		Q		26.04	25.07		1	C	273
NE		0.446				86			
2346+753							1	S	647
SE									
2349+327	4C32.69	Q		27.53	25.15		1		493, 73, 190, 60
NW		0.671	25.69			127			
SE(C-J)						76			
2352+495	OZ488	G		26.26	25.74		1		486, 597
S(C-J)		0.2383	24.45			0.097			503
N			24.28			0.057			
2353+283	4C28.59	Q		26.74	25.58		1		493
SW	OZ289	0.731				25			
2354+471	4C47.63	G		24.63	22.49		1		73, 96, 635
NE		0.046	>21.56			37			
SW(C)									
2354+144	4C14.85	Q		27.72	26.57		1		369
SE		1.810				24			
2356+701							1		454
N									
2357+004	PKS	G		25.32	23.65		1		450
N		0.0839				36			
S(C-J)						24			
2359-159	PKS	G					2		450
NW									
SE									

*: Superluminal sources; %: Subluminal sources
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